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(71)Applicant : TORAY IND INC

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(72)Inventor : NIWA KATSUHIRO
EGUCHI MASUICHI
ASANO MASAYA

(54) PRODUCTION OF SPHERICAL POLYIMIDE

(57)Abstract:

PURPOSE: To produce a spherical polyimide easily at room temp. without using a large apparatus by adding a polyimide precursor soln. dropwise to a poor solvent to precipitate a spherical precursor and specifically treating the spherical precursor.

CONSTITUTION: A polyimide precursor soln. (e.g. a soln. obtd. by reacting 3,3',4,4'-benzophenonetetracarboxylic dianhydride, 4, 4'-diaminodiphenyl ether, and ethanol in N-methyl-2-pyrrolidone) is added dropwise to a poor solvent (e.g. water) to precipitate a spherical polyimide, which is separated from the solvent, dried and cured.

LEGAL STATUS

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